

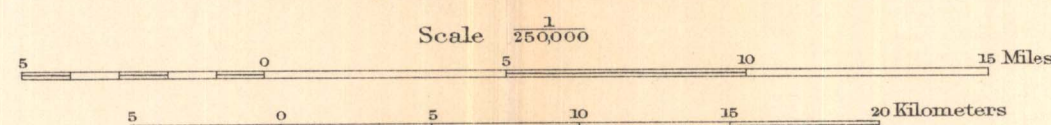
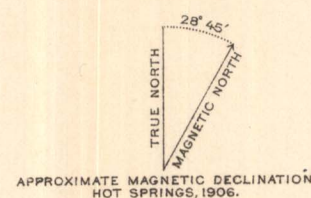
- LEGEND**
- |                                   |   |  |   |
|-----------------------------------|---|--|---|
| <b>QUATERNARY</b>                 | <b>CENOZOIC</b>   | <b>PALEOZOIC</b>   | <b>PROBABLY SILURIAN AND DEVONIAN</b><br>(May include beds still older)                           |
| Qsgr<br>Silts, sands, and gravels | Tcs<br>Clays, shales, sandstones, and conglomerates, with lignitic, ferruginous, and fossiliferous Eocene beds  | m<br>Monzonite and similar rocks, in large sills and batholiths, accompanied by numerous dikes (late Mesozoic or early Tertiary) | rh<br>Rhyolite flows, tuffs, and flow breccias (probably late Paleozoic)                          |
|                                   | sl<br>Slates, quartzites, and schists, with some graywacke, shale, and conglomerate   | lssc<br>Limestones and schists, with some slate, chert, and greenstone. Highly metamorphosed                                     | ls<br>Limestones. Crystalline, blue, gray, buff, and white. Complex, sheared and banded structure |
|                                   | ss<br>Slates, sandstones, and fine conglomerates. Highly contorted, slightly metamorphosed (probably early Mesozoic)  |  |   |
|                                   | gn<br>Greenstones (altered ultra-basic flows and tuffs, diabase, glassy lavas, and tuffs, with some slate, chert, and impure limestones (probably late Paleozoic) |  |   |
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- |   |  |
|---|--|
| ✕ | Productive gold mine                   |
| ✕ | Productive gold mine yielding also tin |
| x | Gold prospect                          |
| x | Gold prospect yielding tin             |

# GEOLOGIC MAP OF PART OF RAMPART QUADRANGLE, ALASKA

By Henry M. Eakin

House Doc. 1430; 62d Cong., 3d Sess.

Alfred H. Brooks, Geologist in charge of division.  
Topography and triangulation by  
D. C. Witherspoon and R. B. Oliver.  
Surveyed in 1906  
Geodetic position from astronomic station at  
Tanana. All positions, however, shown too far  
south, the error in latitude ranging from  
18 seconds at the eastern edge to 35 seconds  
at the western.



Contour interval 200 feet.  
Datum is mean sea level  
assuming an elevation of 810 feet at Eagle.  
Dotted lines represent probable topography, unsurveyed.